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# DECLARATION FOR PATENT APPLICATION

As a below named inventor, I declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

# 90 Human Secreted Proteins

the specification of which was filed on February 4, 1999, Application Serial No. 09/244,112.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

Priority Claimed Yes No

(Number) (Country) (Day/Month/Year Filed)

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	Filing Date	Appln No.	5	,18-Aug-1997	60/055,970
71.	05-Aug-1997	60/055,386	15.	19-Aug-1997	60/056,563
2.	05-Aug-1997	60/054,807	16.	19-Aug-1997	60/056,557
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PCT/US98/16235
(Application Serial No.)

August 4, 1998 (Filing Date)

pending

Full name of first joint inventor: Steven M. Ruben	
Inventor's signature:  Residence: 18528 Heritage Hills Drive, Olney, MD 20832  Post Office Address: same as above	Date: 5/11/99 Citizenship: US
Full name of additional joint inventor: Daniel R. Soppet	
Inventor's signature: Residence: 15050 Stillfield Place, Centreville, VA 22020 Post Office Address: same as above	Date: 5/11/55 Citizenship: US
	,
Full name of additional joint inventor:  Reinhard Ebner  Inventor's signature:  Residence: 9906 Shelburne Terrace #316, Gaithersburg, MD 20878  Post Office Address: same as above	Date: 5/10-199 Citizenship: DE
Full name of additional joint inventor:  Henrik S. Olsen	
Inventor's signature:  Residence: 182 Kendrick Place #24, Gaithersburg, MD 20878  Post Office Address: same as above	Date: \\\ \langle \lan
,	
Full name of additional joint inventor:  Paul E. Young	
Inventor's signature: Residence: 122 Beckwith Street, Gaithersburg MD 20878 Post Office Address: same as above	Date: 6/3/29 Citizenship: US
N S S S S S S S S S S S S S S S S S S S	

Full name of additional joint inventor:  John M. Greene	
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Inventor's signature:	Date:
Residence: 872 Diamond Drive, Gaithersburg, MD 20878	Citizenship: US
Post Office Address: same as above	omzenemp. <u>oo</u>
Tool office radios.	
Full name of additional joint inventor:  Ann M. Ferrie	
Inventor's signature:	Date:
Residence: 120 Fox Run Drive, Tewksbury, MA 01876	Citizenship: US
Post Office Address: same as above	Chizonomp. Ob
Total Office Addition.	
Full name of additional joint inventor: Guo-Liang Yu	
	:
Inventor's signature:	Date:
Residence: 242 Gravatt Drive, Berkeley, CA 94705	Citizenship: CN
Post Office Address: same as above	Citizenship.
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Full name of additional joint inventor:  Jian Ni	
run hame of additional joint inventor.	"
	5/2/
Inventor's signature:	Date:
Residence: 5502 Manorfield Road, Rockville, MD 20853	Citizenship: CN
Post Office Address: same as above	
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Full name of additional joint inventor: Craig A. Rosen	
	1, 105
Inventor's signature:	Date: 5//6/9)
Residence: 22400 Rolling Hill Road, Laytonsville, MD 2088.	2 Citizenship: / US
Post Office Address: same as above	
Full name of additional joint inventor:  Laurie A. Brewer	
٠	
Inventor's signature:	Date:
Residence: 410 Van Dyke St. Apt. 115, St. Paul, MN 55119-	
Post Office Address: same as above	
Full name of additional joint inventor: Fouad Janat	
run name of auditional joint inventor. Poudu Janat	
Inventor's signature:	Date:
Residence: 32 Trolley Lane, Westerly, Rhode Island 02891	Citizenship: Syria
Post Office Address: same as above	

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PCT/US98/16235

August 4, 1998

pending

(Application Serial No.)

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Full name of first joint inventor:	Steven M. Ruben		
* *			
Your at all along true.	**,	Date:	
Inventor's signature: Residence: 18528 Heritage Hills D	Drive Olney MD 20832	Citizenship:	US
Post Office Address: same as			
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Full name of additional joint inventor:	Daniel R. Soppet		
run name of additional joint inventor.	Damer It. dopper		
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Inventor's signature:	,	Date:	770
Residence: 15050 Stillfield Place,	Centreville, VA 22020	Citizenship:	US
Post Office Address: same as	above 'r		
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Full name of additional joint inventor:	Reinhard Ebner		
Inventoria cianatura:		Date:	
Inventor's signature: Residence: 9906 Shelburne Terrac	ce #316, Gaithersburg, MD 208		DE
Post Office Address: same as	above		
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Full name of additional joint inventor:	Henrik S. Olsen		
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Inventor's signature:	24 C-141 MD 20070	Date: Citizenship:	DK
	24, Gaithersburg, MD 20878	Chizenship.	
Post Office Address: same as	above		
*			
Full name of additional joint inventor:	Paul E. Young		
	•	,	
Inventor's signature:		Date:	
Residence: 122 Beckwith Street, G	Gaithersburg, MD 20878	Citizenship:	US
Post Office Address: same as			

Full name of additional joint inventor:	John M. Greene		
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Inventor's signature:	M. Conserve	D-4	59 11A
Residence: 872 Diamond Drive, Gaitherst		Date: JUNE	
Post Office Address: same as above	Juig, WID 20078	Citizenship:	US
Same as above			
Full name of additional joint inventor:	Ann M. Ferrie		
Inventor's signature:		Date:	
Residence: 120 Fox Run Drive, Tewksbur	v MA 01876	Citizenship:	US
Post Office Address: same as above	J y 2 0 10 , 0		
**************************************	4		
First name of additional joint inventors	Cua Liana V.		
Full name of additional joint inventor:	Guo-Liang Yu		
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Inventor's signature:	¥ ~	Date:	
Residence: 242 Gravatt Drive, Berkeley, C	A 94705	Citizenship:	CN
Post Office Address: same as above			
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Full name of additional joint inventor:	Jian Ni		
Taxontonia aignotyma		<b>T</b> D (	× .
Inventor's signature: Residence: 5502 Manorfield Road, Rocky	II. MD 20053	Date: Citizenship:	CN
Post Office Address: same as above	ine, IMD 20833	Citizenship.	<u>CN</u>
\	× <sub>p</sub>	-	
Full name of additional joint inventor:	Craig A. Rosen		
Inventor's signature:		Date:	
Residence: 22400 Rolling Hill Road, Layte	onsville, MD 20882	Citizenship:	US
Post Office Address: same as above		•	
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Full name of additional joint inventor:	Laurie A. Brewer		
	Laurie A. Brewer		
÷,			,
Inventor's signature:	_ <del>-</del>	Date:	
Residence: 410 Van Dyke St. Apt. 115, St	. Paul, MN 55119-4321	Citizenship:	US
Post Office Address: same as above		·	
•			
Full name of additional joint inventor:	Fouad Janat		
Inventor's signature:		Date:	
Residence: 32 Trolley Lane, Westerly, Rho	ode Island 02891		yria
Post Office Address: same as above			7114

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PCT/US98/16235

August 4, 1998

pending

(Application Serial No.)

(Filing Date)

Full name of first joint inven	itor: Stev	en M. Ruben	÷ ,		
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	*		 	<b>.</b>	
Inventor's signature:	· · · · · · · · · · · · · · · · · · ·	1 10 00000		Date:	***
	tage Hills Drive, O	Iney, MD 20832		Citizenship:	US
Post Office Address:	same as above		<del></del>		
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Full name of additional join	t inventor:	Daniel R. Soppet	<u>:</u>		
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Inventor's signature:		*		Date:	
	field Place, Centrev	rille, VA 22020		- Citizenship:	US
Post Office Address:	same as above	1 <sub>r</sub>			
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				•	
Full name of additional join	t inventor:	Reinhard Ebner			
	•			**************************************	
Inventor's signature:				Date:	
Residence: 9906 Shelb		, Gaithersburg, MI	20878	Citizenship:	DE
Post Office Address:	same as above	7			
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Full name of additional join	t inventor:	Henrik S. Olsen	,		
Tun hame of additional join	t mychtor.	TICITIK D. OBCII			
a					
Inventor's signature:				Date:	
Residence: 182 Kendri	ick Place #24, Gait	hersburg, MD 2087	78	Citizenship:	DK
Post Office Address:	same as above			*	
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	. •				
Full name of additional join	t inventor:	Paul E. Young			
		•			
Inventor's signature:				Date:	
	ith Street, Gaithers	hurg MD 20878		Citizenship:	US
Post Office Address:	same as above	Duig, 19112 20076			

Full name of additional joint inventor:	John M. Greene		
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Inventor's signature:		Date:	
Residence: 872 Diamond Drive, Gaithersb	urg, MD 20878	Citizenship:	US
Post Office Address: same as above			
••			
Trull name of additional joint inventors	Ann M. Famia		
Full name of additional joint inventor:	Ann M. Ferrie		····
	_		
Inventor's signature:	la "Z" ·	Date: 6/	10/90
Residence: 120 Fox Run Drive, Tewksbury	WA 01876	Citizenship:	TIC
Post Office Address: same as above	y, WA 01870	Cuzensinp.	
Fost Office Address. Same as above			
Full name of additional joint inventor:	Guo-Liang Yu		
At he is	Out Diang 1 d		
	No.		
Inventor's signature:	* *.	Date:	
Residence: 242 Gravatt Drive, Berkeley, C	A 94705	Citizenship:	CN
Post Office Address: same as above		<u> </u>	
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Full name of additional joint inventor:	Jian Ni		
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		_	
Inventor's signature:		Date:	
Residence: 5502 Manorfield Road, Rockvi	lle, MD 20853	Citizenship:	CN
Post Office Address: same as above			
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77 11 0 1 114 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Corto A. Don		
Full name of additional joint inventor:	Craig A. Rosen		
Inventor's signature:		Date:	
Residence: 22400 Rolling Hill Road, Layto	preville MD 20882	Citizenship:	US
Post Office Address: same as above	onsvine, wid 20002	- Cruzensinp.	
Tost Office Address. Same as above			
Full name of additional joint inventor:	Laurie A. Brewer	-	
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Inventor's signature:	_	Date:	
Residence: 410 Van Dyke St. Apt. 115, St	. Paul, MN 55119-4321	Citizenship:	US
Dont Office Address.	- to a second se	<del></del> *	
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**************************************			
Full name of additional joint inventor:	Fouad Janat		
		<b>D</b>	
Inventor's signature:	1 71 100001	Date:	<del></del>
Residence: 32 Trolley Lane, Westerly, Rho	ode Island U2891	Citizenship: S	Syria
Post Office Address: same as above			

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PCT/US98/16235

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(Application Serial No.)

(Filing Date)

Full name of first joint inve	ntor: Ste	ven M. Ruben		
	•	**		
Inventor's signature:	*	•	Date:	
Residence: 18528 Ĥer	ritage Hills Drive, (	Olney, MD 20832	Citizenship:	US
Post Office Address:	same as above			
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Full name of additional joir	it inventor:	Daniel R. Soppet		
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Inventor's signature:			Data	
Residence: 15050 Stil	Ifield Place Centre	villa VA 22020	Date: Citizenship:	US
Post Office Address:	same as above	MARKET A CONTRACTOR OF THE CON	Chizenship.	<u> </u>
10st Office Address.	Same as above			
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Full name of additional joir	ıt' inventor:	Reinhard Ebner		
Inventor's signature:			Date:	
Residence: 9906 Shell		6, Gaithersburg, MD 20878	Citizenship:	DE
Post Office Address:	same as above	*		····
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Full name of additional join	nt inventor:	Henrik S. Olsen		
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Inventor's signature:			Date:	
Residence: 182 Kendr		thersburg, MD 20878	Citizenship:	DK
Post Office Address:	same as above	^		
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Full name of additional join	it inventor.	Paul E. Young		
r un name or auditional join	it myemut.	raur E. Toung		•
		,		
Inventor's signature:			Date:	
Residence: 122 Beckw	vith Street, Gaithers	sburg, MD 20878	Citizenship:	US
Post Office Address:	same as above			

Full name of additional joint inventor:	John M. Greene		
	•		
Inventor's signature:		Date:	
Residence: 872 Diamond Drive, Gaither	sburg MD 20878	Citizenship	US
Post Office Address: same as above		Citizensinp	05
•			
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Inventor's signature:		Date:	
Residence: 120 Fox Run Drive, Tewksbu	rv. MA 01876	Citizenship:	US
Post Office Address: same as above	-17,1111 01070	Citizensinp.	
Full name of additional joint inventor:	Guo-Liang Yu		
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Inventor's signature: Residence: 242 Gravatt Drive, Berkeley,	64.04705	Date: 8/2	7 07
Post Office Address: same as above	CA 94705	Citizenship:	CN
same as above			
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_,4]	•	<b>54</b>	
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Post Office Address: same as above	11110		
Υ .	*,		
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Full name of additional joint inventor:	Laurie A. Brewer		
·	Laure A. Brewer		
<b>.</b> ∙			
Inventor's signature:	-	Date:	
Residence: 410 Van Dyke St. Apt. 115, S	St. Paul, MN 55119-4321	Citizenship:	US
Post Office Address: same as above			
4			
•(			
Full name of additional joint inventor:	Fouad Janat		
- -			
Invantanta alamatum.		<b></b>	,
Inventor's signature: Residence: 32 Trolley Lane, Westerly, Rh	anda Island 02001	Date:	
Post Office Address: same as above	iode isiana 02091	Citizenship: S	yria

# DECLARATION FOR PATENT APPLICATION

As a below named inventor, I declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## 90 Human Secreted Proteins

the specification of which was filed on February 4, 1999, Application Serial No. 09/244,112.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

Priority Claimed Yes No

(Number)

(Country)

(Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below

, "	B	Appln No.
1.	05-Aug-1997	60/055,386
2.	05-Aug-1997	60/054,807
3.	05-Aug-1997	60/055,312
4.	05-Aug-1997	60/055,309
5.	05-Aug-1997	60/054,798
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12.	05-Aug-1997	60/055,311
13.	18-Aug-1997.	60/055,986

14.	18-Aug-1997	60/055,970
15.	19-Aug-1997	60/056,563
16.	19-Aug-1997	60/056,557
17.	19-Aug-1997	60/056,731
18.	19-Aug-1997	60/056,365
19.	19-Aug-1997	60/056,367
20.	19-Aug-1997	60/056,370
21.	19-Aug-1997	60/056,364
22.	19-Aug-1997	60/056,366
23.	19-Aug-1997	60/056,732
24.	19-Aug-1997	60/056,371

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

PCT/US98/16235

August 4, 1998

pending

(Application Serial No.)

(Filing Date)

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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith A. Anders Brookes (Reg. No. 36,373), Kenley K. Hoover (Reg. No. 40,302); James H. Davis (Reg. No. 40,582), Joseph J. Kenny (Reg. No. 43,710) and Michele M. Wales (Reg. No. 43,975) all of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20850.

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Full name of additional joint inventor:	Laurie A. Brewer		
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# **DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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Prior Foreign Application(s):

Priority Claimed Yes No

(Number) (Country) (Da

(Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

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24.	19-Aug-1997	60/056,371
	15. 16. 17. 18. 19. 20. 21. 22.	15.   19-Aug-1997   16.   19-Aug-1997   17.   19-Aug-1997   18.   19-Aug-1997   19.   19-Aug-1997   20.   19-Aug-1997   21.   19-Aug-1997   22.   19-Aug-1997   23.   19-Aug-1997   23.   19-Aug-1997   24.   19-Aug-1997   25.   19-Aug-1997   26.   19-Aug-1997   27.   19-Aug-1997   28.   19-Aug-1997   28.   19-Aug-1997   29.   19-Aug-1997   29.

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

PCT/US98/16235

August 4, 1998

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(Application Serial No.)

(Filing Date)

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